

NAVYA
be fluid



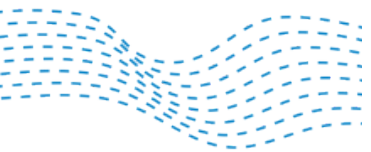
EFFECTS OF URBANIZATION

2050

70%

Worldwide population
City population





ROADWAY SAFETY



94% of all motorway accidents are caused by human error
2% were caused by vehicles, 2% by the environment, 2% by an “unknown” cause

37,133 motorists died in a motorway crash in 2018

34,905 preventable deaths



More than 1 in 5 drivers report having been involved in a motor vehicle crash in which someone had to go to the hospital



Death by motorway accident is the number one cause of death for healthy US citizens

AUTONOM SHUTTLE SOLUTION FOR FIRST AND LAST MILE

Improve transport
network performance

Serve new areas thanks
to a new economic model

Enhance passenger
experience



Reduce operation cost

Improve the density of
transport network



Reduce carbon footprint



SHARED

ELECTRIC

AUTONOM

ON DEMAND



... FOR VARIOUS APPLICATIONS

CITIES



CAMPUS



HOSPITAL



AIRPORTS

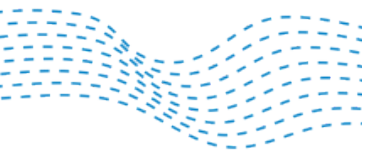


TOURISTIC SITES



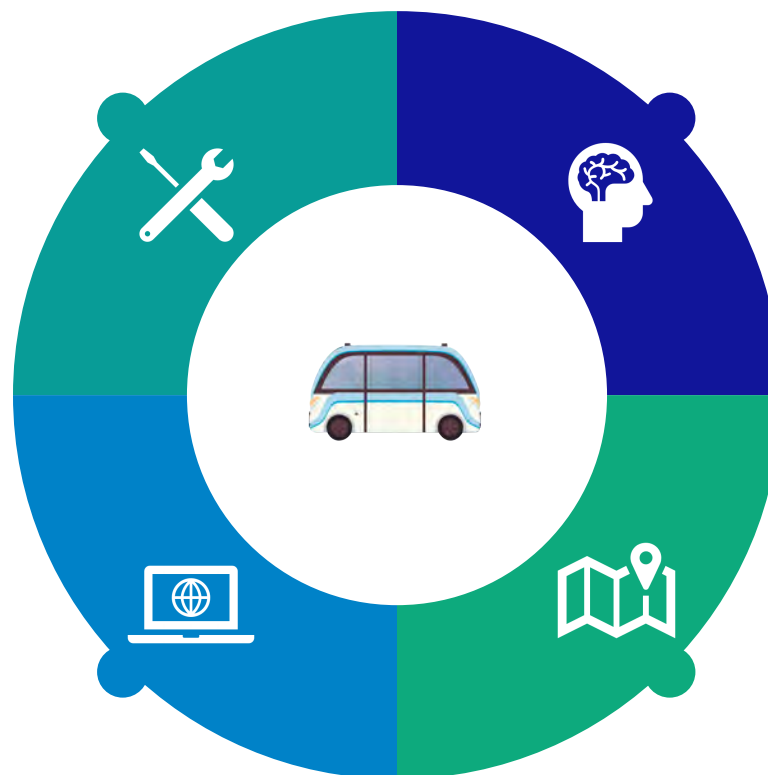
INDUSTRIAL SITES





SUMMARY OF EXPERTICE

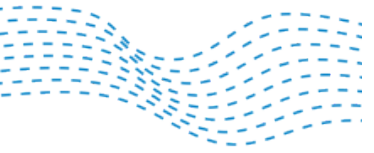
MANUFACTURING
& MAINTENANCE
Hardware



EMBEDDED
INTELLIGENCE
Software

COMMISSIONING
& SUPERVISION
Experience &
Software

CONNECTIVITY &
CARTOGRAPHY
Software & Hardware



NAVYA: A FRONTRUNNER IN THE AUTONOMOUS VEHICLE MARKET

Mission: NAVYA works with cities and private sites from all over the world to improve mobility by providing its autonomous, driverless and electric solutions

● **HEADQUARTERS in France**

● **2 PLANTS** in Lyon, FRANCE -
Michigan, USA

● 270+ passionate people (December 2018)

● SUBSIDIARY of  **CHARLATTE**
MANUTENTION
FAYAT GROUP

● 115+ VEHICLES sold (December 2018)

● **350,000+** passengers transported worldwide
(December 2018)

● **STRATEGIC AGREEMENTS** signed with
key partners



KEOLIS



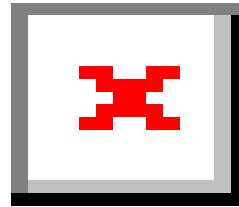
OFFERING FIXED ROUTE, ON-DEMAND, AND GOODS CARRYING



AUTONOM SHUTTLE

LAUNCHED
IN 2015

PASSENGERS TRANSPORTATION



AUTONOM CAB

CURRENTLY
IN
TESTING



AUTONOM TRACT

COMING
SOON

GOODS TRANSPORTATION

LEVEL 3 AUTONOMY ON THE SAE LEVEL SCALE :

AUTONOMOUS VEHICLES THE FUTURE OF MOBILITY

Apple Audi Baidu 百度 BMW BOSCH DAIMLER

DELPHI Ford GM SAIC 上汽集团 SAIC MOTOR Google HONDA

HYUNDAI JAGUAR LAND-ROVER Mercedes-Benz MOBILEYE NISSAN RENAULT Valeo

TATA ELXSI engineering creativity TESLA TOYOTA UBER Volkswagen VOLVO navya

2035 = \$587Billion

A GLOBAL FOOTPRINT



- Navya Operations
- Production facilities
- R&D Labs

WITH MANY REFERENCES

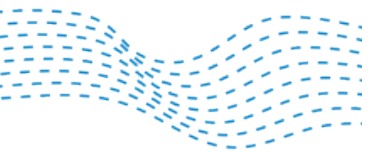


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TC





AUTONOM SHUTTLE FEATURES

100% AUTONOMOUS

100% ELECTRIC

15 PASSENGERS

15 MPH

MAX OPERATING

SPEED

9H

AVERAGE RUN TIME

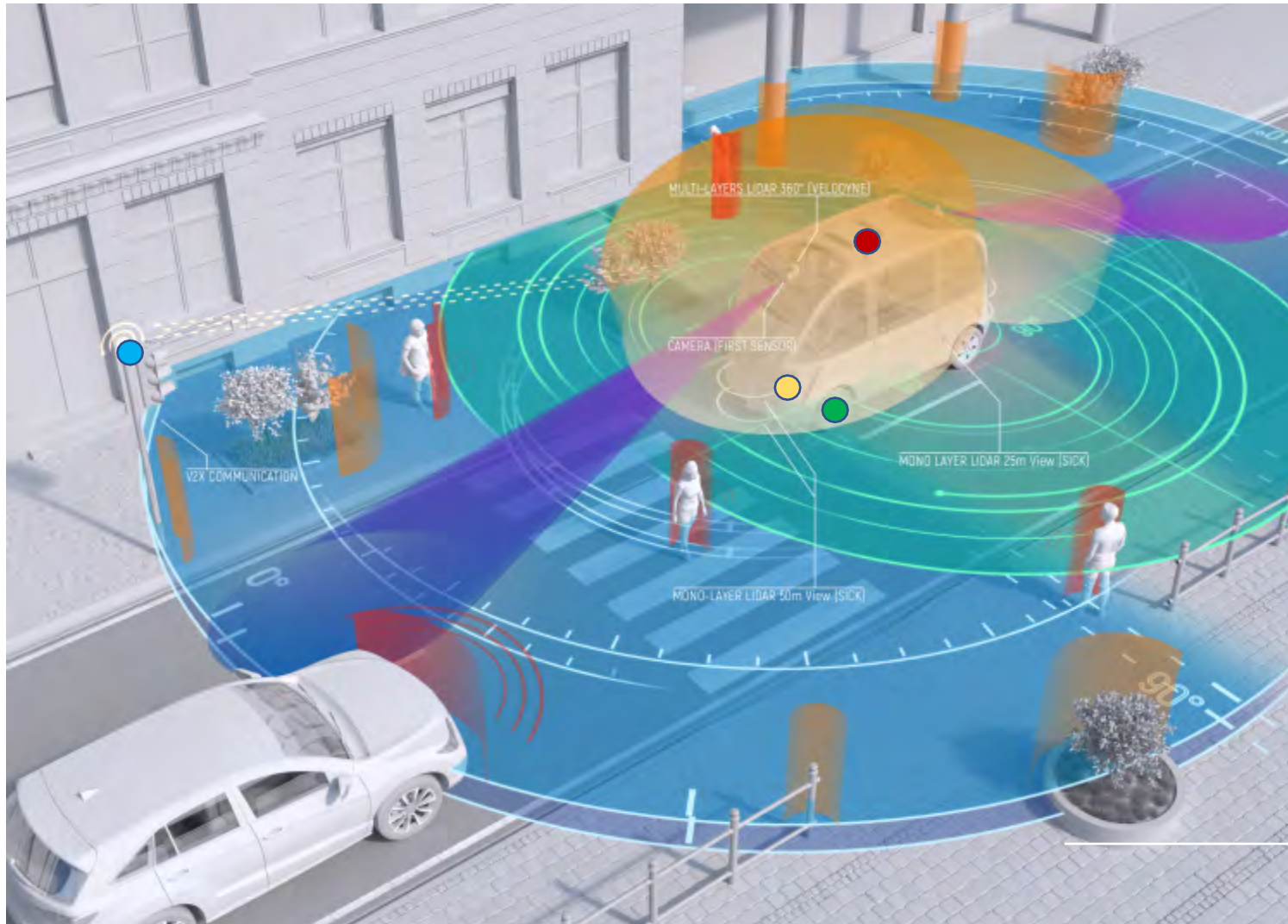
NO HEAVY

INFRASTRUCTURE

NEEDED



ON THE CUTTING EDGE OF MULTISENSOR TECHNOLOGY



IN-HOUSE ARTIFICIAL
INTELLIGENCE SOFTWARE



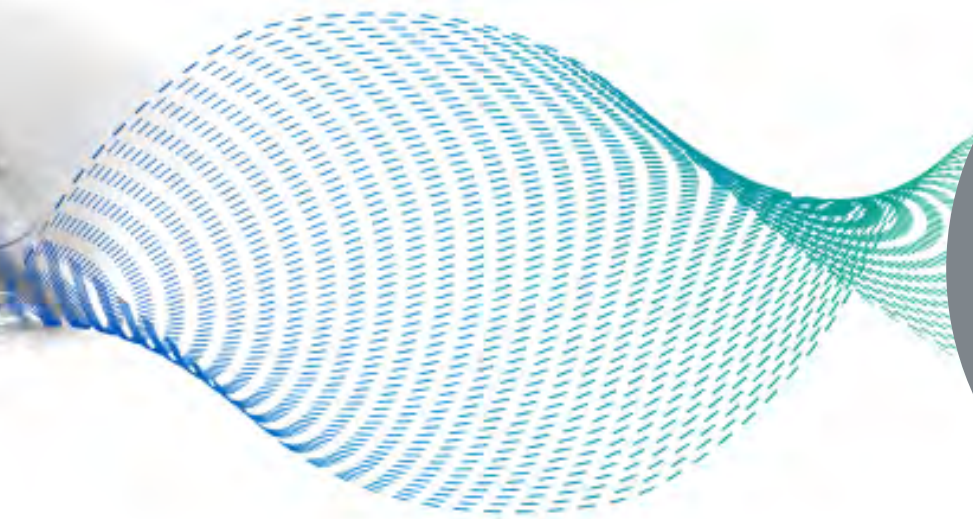
COMBINED WITH OUR
SPECIFIC
SENSOR ARCHITECTURE

-  3-D MULTI-LAYER LiDAR SENSOR x 2
-  2-D MONO-LAYER LIDAR SENSOR x 6
-  CAMERAS x 2
-  GNSS ANTENNAE x 2
-  ODOMETRY SENSORS x 4
-  INERTIAL MEASURING UNIT
-  V2X OBU x 1



PLAY INTERACTIVE
PRESENTATION NOW





QUESTIONS?
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info@navya.tech

navya
be fluid